

AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) Photosensitive dispersion with adjustable viscosity for the deposition of metal on an insulating substrate, ~~characterised in that it comprises~~ comprising, in combination, a pigment conferring properties of oxidation-reduction under light irradiation, a metallic salt, a sequestering agent for the metallic salt, a liquid film-forming polymeric formulation, a basic compound, an organic solvent and water.

2. (Currently Amended) Dispersion according to Claim 1, ~~characterised in that the~~ wherein said pigment is titanium dioxide.

3. (Currently Amended) Dispersion according to Claim 2, ~~characterised in that~~ wherein the titanium oxide pigment is in the form of a powder with a particle size of 10 nanometres to 10 micrometres, ~~advantageously from 15 nanometres to 1 micrometre.~~

4. (Currently Amended) Dispersion according to ~~any one of Claims 1 to 3,~~ Claim 1, wherein the metallic salt is a transition metal salt.

5. (Currently Amended) Dispersion according to Claim 4, ~~characterised in that~~ wherein the transition metal is ~~chosen~~ selected from the group ~~comprising~~ consisting of copper, gold, platinum, palladium, nickel, cobalt, silver, iron, zinc, cadmium, ruthenium and rhodium.

6. (Currently Amended) Dispersion according to Claim 5, ~~characterised in that~~ wherein the transition metal salt is ~~chosen~~ selected from ~~amongst~~ the group consisting of copper (II) chloride, copper (II)

sulphate, palladium (II) chloride, nickel (II) chloride and mixtures of at least two of these thereof.

7. (Currently Amended) Dispersion according to ~~any one of Claims 1 to 6, characterised in that~~ Claim 1, wherein the sequestering agent for the metallic salt is of the sulphate, chloride or carboxylic acid type.

8. (Currently Amended) Dispersion according to Claim 7, ~~characterised in that~~ wherein the sequestering agent of the carboxylic acid type is tartaric acid, citric acid, a derivative of these or a mixture thereof.

9. (Currently Amended) Dispersion according to ~~any one of Claims 1 to 8, characterised in that~~ Claim 1, wherein the liquid film-forming polymeric formulation is a solution or emulsion.

10. (Currently Amended) Dispersion according to Claim 9, ~~characterised in that it comprises, as a~~ wherein the film-forming polymeric formulation, comprises a solution of the alkyl, acrylic, polyester or epoxy type, an acrylic emulsion or a mixture ~~of these~~ thereof.

11. (Currently Amended) Dispersion according to ~~any one of Claims 1 to 10, characterised in that~~ Claim 1, wherein the basic compound is a base, a basic salt or a mixture ~~of these~~ thereof.

12. (Currently Amended) Dispersion according to Claim 11, ~~characterised in that~~ wherein the basic compound is a base ~~chosen from amongst~~ selected from the group consisting of potassium hydroxide, sodium hydroxide and ammonia.

13. (Currently Amended) Dispersion according to ~~any one of Claims 1 to 12,~~ characterised in that Claim 1, wherein the organic solvent is ~~chosen~~ selected from a ~~the~~ group ~~comprising~~ consisting of ethers, esters, ketones, alcohols and mixtures thereof.

14. (Currently Amended) Dispersion according to Claim 13, characterised in that ~~wherein~~ the organic solvent is ~~chosen~~ selected from amongst the group consisting of dioxane, cyclohexanone, 2-methoxy-1-methylethyl acetate, a mixture of dipropylene glycol methyl ether isomers, a mixture of tripropylene glycol methyl ether isomers and mixtures of at least two of ~~these~~ thereof.

15. (Currently Amended) Dispersion according to ~~any one of Claims 1 to 14,~~ characterised in that it comprises Claim 1, comprising deionised water.

16. (Currently Amended) Dispersion according to ~~any one of Claims 1 to 15,~~ characterised in that it comprises in addition Claim 1, including at least one wetting agent, a dispersing agent or a mixture of ~~these~~ thereof.

17. (Currently Amended) Dispersion according to ~~any one of Claims 2 to 16,~~ characterised in that Claim 2, wherein the concentration of titanium dioxide, as a percentage by weight, is 1% to 50% ~~and preferably 5% to 25%.~~

18. (Currently Amended) Dispersion according to ~~any one of Claims 1 to 17,~~ characterised in that Claim 1, wherein the concentration

of metallic salt, as a percentage by weight, is 0.01% to 5% ~~and preferably 0.05% to 1%.~~

19. (Currently Amended) Dispersion according to ~~any one of Claims 1 to 18,~~ characterised in that Claim 1, wherein the concentration of sequestering agent, as a percentage by weight, is 0.01% to 10% ~~and preferably 0.1% to 1%.~~

20. (Currently Amended) Dispersion according to ~~any one of Claims 1 to 19,~~ characterised in that Claim 1, wherein the concentration of film-forming polymeric formulation, as a percentage by weight, is 1% to 50% ~~and preferably 5% to 25%.~~

21. (Currently Amended) Dispersion according to ~~any one of Claims 12 to 20,~~ characterised in that Claim 1, wherein the concentration of base, as a percentage by weight, is 0.01% to 5% ~~and preferably 0.1% to 1%.~~

22. (Currently Amended) Dispersion according to ~~any one of Claims 1 to 21,~~ characterised in that Claim 1, wherein the concentration of organic solvent, as a percentage by weight, is 0.1% to 55% ~~and preferably 1% to 40%.~~

23. (Currently Amended) Dispersion according to ~~any one of Claims 1 to 22,~~ characterised in that Claim 1, wherein the concentration of water, as a percentage by weight, is 1% to 15%.

24. (Currently Amended) Method of depositing metal on the surface of an insulating substrate, using the photosensitive dispersion according to ~~any one of Claims 1 to 23,~~ characterised in that it comprises

Claim 1, comprising the application of the said dispersion in the form of a film on the substrate, selectively or not, the drying of the film applied to the said substrate and irradiation by means of ultraviolet radiation and/or laser with a range of wavelengths between 190 and 450 nm and an energy between 25 mJ/cm² and 100 mJ/cm² until a layer of metal, selective or not, is obtained on the substrate.